If the Examiner has any comments or suggestions that could place this application in even better form, the Examiner is invited to contact Applicants' representative at the telephone number listed below.

Respectfully submitted,

Date: June 30, 2003

Ronald P. Kananen
Reg. No. 24,104

RADER, FISHMAN & GRAUER PLLC
1233 20th Street, N.W., Suite 501
Washington, D.C. 20036
Tel: (202) 955-3750
Fax: (202) 955-3751
CUSTOMER NO. 23353

Enclosure(s): Appendix I (Marked-Up Version of Amended Specification)
Appendix II (Pending Claims)

DC125661

APPENDIX I

(MARKED-UP VERSION OF AMENDED SPECIFICATION)

On page 1, after line 2 and before line 5, please insert following paragraph:

This application is a divisional application of application no. 09/711,880; filed: November 15, 2000.

On Page 10, Paragraph 4:

After that, a metal thin film is formed on the interlayer isolation film 33 by means of sputtering method or the like. The data wiring Y and the connecting wiring M are formed by ~~pattering~~ patterning the metal thin film to a prescribed shape. As the metal thin film, aluminum is generally used. According to circumstances, a multilayer structure of Ti / TiN / Ti / Al / Ti / TiN / Ti or alloy layers such as AlSi and AlCu may be used.

On Page 17, Paragraph 3:

As described above, in the circuit structure of the pixel PXL shown in Fig. 5, when once the data voltage Vdata is written in the pixel PXL, the organic electro-luminescent element OLED keeps emitting light at a fixed brightness during a frame interval until the written ~~date~~ data voltage Vdata is next re-written. When many pixels PXL like this are arranged in a matrix form as shown in Fig. 6, an active matrix type display apparatus can be constituted. As shown in Fig. 6, the display apparatus is composed by arranging the scanning wirings X1 to XN for selecting the pixels PXL and the data wirings Y for supplying the brightness information, i.e. data voltages Vdata, for driving the pixels PXL arranged in a matrix form.

APPENDIX II

For the convenience of the Examiner, all of the pending claims are hereby presented.

1-4 (CANCELED)

5. A method for manufacturing a display apparatus including a substrate, a plurality of pixels formed on said substrate, and a barrier plate for separating adjoining pixels of said pixels from each other, each of said pixels having a lower layer portion including a wiring formed on said substrate, an upper portion including an organic electro-luminescent element, and a middle layer portion for insulating said lower layer portion and said upper layer portion from each other electrically, said method comprising the steps of:

forming said lower layer portion including the wiring on said substrate;

forming said middle layer portion so as to cover said lower layer portion;

forming a contact hole connected with the wiring in said middle layer;

forming said organic electro-luminescent element on said middle layer portion to connect said organic electro-luminescent element with the wiring in said lower layer portion through the contact hole formed in said middle layer portion; and

disposing said barrier plate so as to overlap with a region including the contact hole.

6. The method according to claim 5, wherein:

said step of forming said organic electro-luminescent element is to form said organic electro-luminescent element composed of a reflective anode connected to said wiring, a transparent cathode disposed at a front face of said organic electro-luminescent element, and an organic layer held between the anode and the cathode, and

the organic layer emits light by recombination of a hole supplied from the anode and an electron supplied from the cathode, and further

the emitted light is taken out of the cathode disposed at the front face.

7. The method according to claim 6, wherein:

said organic layer is formed by piling laminated films selectively by means of a mask disposed over said substrate in a way of putting said barrier plate between the mask and said substrate.

8. The method according to claim 5, wherein:

said step of forming said lower layer portion comprises the steps of:

forming a scanning wiring, a part of said wiring, for supplying first electric information for selecting said pixels;

forming a data wiring, another part of said wiring, for supplying brightness information for driving said pixels;

forming a first active element controlled by second electric information supplied from the scanning wiring and having a function of writing the brightness information supplied from the data wiring into one of said pixels; and

forming a second active element having a function of controlling emission of light of said organic electro-luminescent element by supplying a current to said organic electro-luminescent element in accordance with the written brightness information.

FIG. 6 Prior Art

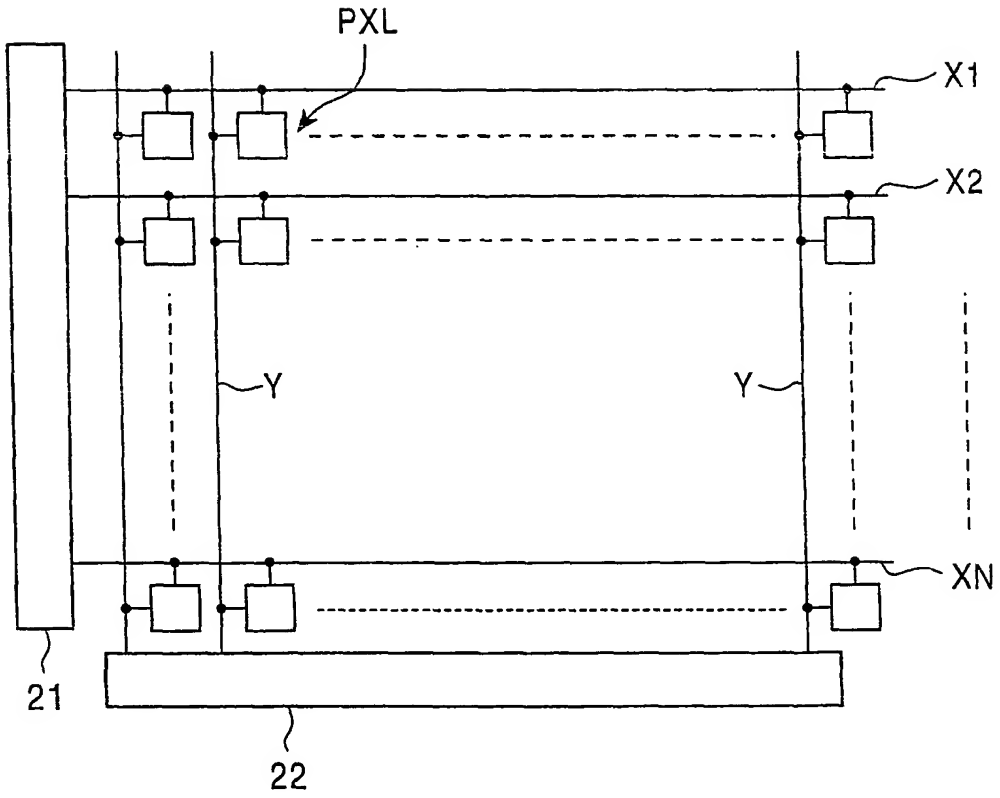

FIG. 7 Prior Art

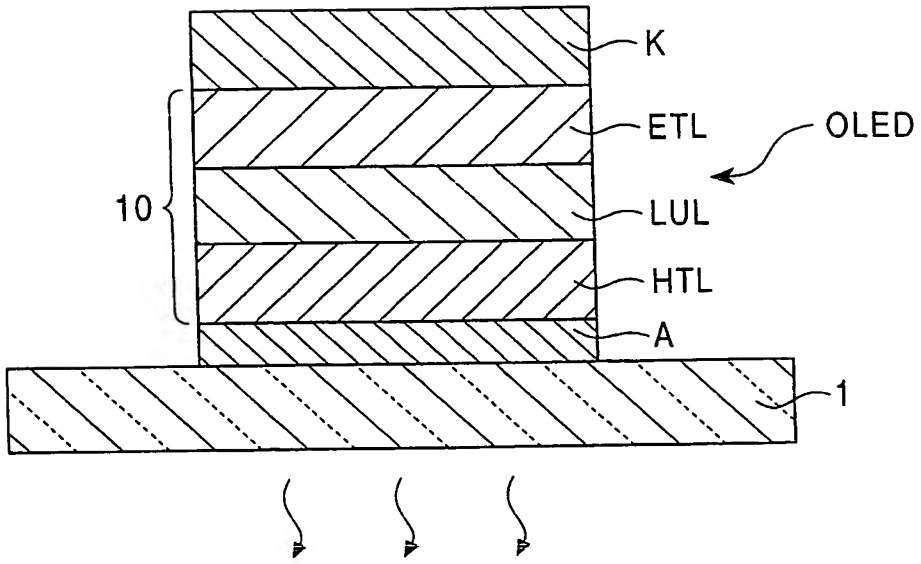

FIG. 8 Prior Art